JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 436 (1992)

AUTHOR INDEX

Abad, J.-A., (436) C9
Antipin, M.Y., (436) 79
Arce, A.J., (436) 351

Berkovich, E., (436) 95
Blum, J., (436) 95
Bochkarev, L.N., (436) 299
Boo, B.H., (436) 1
Borisova, L., (436) 277
Bowser, R., (436) C5
Braga, D., (436) 73
Bräunlich, G., (436) 109
Brisdon, B.J., (436) 11
Brunner, H., (436) 313
Buchmeiser, M., (436) 223
Butcher, E., (436) C5

Caffyn, A.J.M., (436) 83
Calogero, S., (436) 35
Camps, F., (436) 189
Cashion, J.D., (436) 155
Castaño, A.M., (436) 189
Cecchi, P., (436) 35
Čejka, J., (436) 143
Chandra, S., (436) 155
Chernega, A.N., (436) 79
Cingolani, A., (436) 35
Conole, G., (436) 83

Davidson, R.S., (436) C5
Davies, A.G., (436) 255
Deeming, A.J., (436) 351
Della Pergola, R., (436) 241
Demartin, F., (436) 241
De Sanctis, Y., (436) 351
Doidge-Harrison, S.M.S.V., (436) 23

Echavarren, A.M., (436) 189
Edelmann, F.T., (436) 231, 325
El-Ouatib, R., (436) 169
Etemad-Moghadam, G., (436) 169

Feger, W., (436) 333

García, G., (436) 121
Garlaschelli, L., (436) 241
Garot, C., (436) 169
Gehart, G., (436) 313
Gevorgyan, V., (436) 277
Gil-Rubio, J., (436) C9
Gioia Lobbia, G., (436) 35
Gioskos, S., (436) 155
Gornitzka, H., (436) 231, 325
Gorzellik, M., (436) 207
Grachev, O.V., (436) 299

Hargittai, I., (436) 127
Heesche-Wagner, K., (436) 43
Hemling, H., (436) 95
Herberhold, M., (436) 333
Hernandez, L., (436) 351
Holeček, J., (436) 231
Howie, R.A., (436) 23
Hundal, R., (436) 287

Irvine, J.T.S., (436) 23

Jacob, K., (436) 231, 325
Jacobson, A., (436) 95
James, B.D., (436) 155
Johnson, B.F.G., (436) 73
Jordi, L., (436) 189

Kaim, W., (436) 367
Kang, H.K., (436) 1
Kang, S.K., (436) 1
Keller, A., (436) 199
Kempe, R., (436) 109
Kim, D., (436) 1
Klapötke, T.M., (436) 179
Klein, A., (436) 367
Klein, R., (436) 143
Koenig, M., (436) 169
Kölle, U., (436) 333
Kreißl, F.R., (436) C17
Kretschmer, W., (436) 231

Lang, H., (436) 265
Lay, U., (436) 265
Lee, M.H., (436) 1
Lee, S.S., (436) 1
Lentz, D., (436) 185
Lewis, J., (436) 73
López, G., (436) 121
Lukevics, E., (436) 277
Lyčka, A., (436) 231

Mach, K., (436) 143
Magee, R.J., (436) 155
Mahon, M.F., (436) 11
Manassero, M., (436) 241
Marquez, M., (436) 351
Martí, J.M., (436) 121
Masciocchi, N., (436) 241
Massey, A., (436) 73
Mays, M.J., (436) 83
McPartlin, M., (436) 83
Meidine, M.F., (436) 79
Meier, W., (436) 313
Mitchell, T.N., (436) 43
Molloy, K.C., (436) 11
Moretó, J.M., (436) 189

Neville, A.G., (436) 255
Nixon, J.F., (436) 79
Nuber, B., (436) 207, 313

Ostermeier, J., (436) C17

Pakkanen, T.A., (436) 55
Pavlik, I., (436) 231
Powell, H.R., (436) 83
Preugschat, D., (436) 185
Pursiainen, J., (436) 55

Rhodes, C.J., (436) C5
Ricart, S., (436) 189
Rodríguez, V., (436) 121
Rossi, S., (436) 55
Rozsondai, B., (436) 127
Ruiz, J., (436) 121

Sabatino, P., (436) 73
Sandhu, G.K., (436) 287
Schäfers, M., (436) 95
Schofield, P.J., (436) 11
Schottenberger, H., (436) 223
Schulz, A., (436) 179
Schumann, H., (436) 95
Schütt, W., (436) C17
Schwederski, B., (436) 367
Sedmera, P., (436) 143
Sieler, J., (436) 109
Spencer, G.M., (436) 23

Struchkov, Y.T., (436) 299, 79
Sünkel, K., (436) 101

Thiele, K.-H., (436) 231
Tretner, C., (436) C1

Uhlig, W., (436) C1

Vicente, C., (436) 121
Vicente, J., (436) C9
Vogler, C., (436) 367

Wachter, J., (436) 313
Wagner, F.E., (436) 35
Walther, D., (436) 109
Wardell, J.L., (436) 23
Weinmann, M., (436) 265
Wrackmeyer, B., (436) 313

Zakharov, L.N., (436) 299
Ziegler, M.L., (436) 207, 313
Ziltsov, S.F., (436) 299

JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 436 (1992)

SUBJECT INDEX

Aluminium

Alkylidenedinitrosylmolybdenum complexes. Preparation, characteristics and metathesis activity of dicarboxylatoethylidenedinitrosylmolybdenum complexes (A. Keller), (436) 199

Boron

Synthesis and structural characterization of cycloborasiloxanes: the X-ray crystal structures of *cyclo*-1,3,3,5,5-pentaphenyl-1-bora-3,5-disiloxane and *cyclo*-1,3,3,5,7,7-hexaphenyl-1,5-dibora-3,7-disiloxane (B.J. Brisdon, M.F. Mahon, K.C. Molloy and P.J. Schofield), (436) 11

Chromium

Pentacarbonylchromium complexes containing the fluorinated isocyanide ligands H_2FCNC and HF_2CNC (D. Lentz and D. Preugschat), (436) 185

Reactions of silyl enol ethers with [ethoxy(phenylethynyl)carbene]chromium and -tungsten complexes (F. Camps, L. Jordi, J.M. Moretó, S. Ricart, A.M. Castaño and A.M. Echavarren), (436) 189

Oxidative addition reactions of $[Os_3(CO)_{10}(MeCN)_2]$ with 2-imine-substituted derivatives of furan, thiophene, selenophene and pyrrole (A.J. Arce, Y. De Sanctis, L. Hernandez, M. Marquez and A.J. Deeming), (436) 351

Cobalt

Reactions of 1,3,5-trithiacyclohexane with tetrahedral ruthenium–cobalt clusters (S. Rossi, J. Pursiainen and T.A. Pakkanen), (436) 55

Crystal and molecular structure of $[Co(\eta^5\text{-}C_5H_5)(CO)_2]$ (M.Y. Antipin, Y.T. Struchkov, A.N. Chernega, M.F. Meidine and J.F. Nixon), (436) 79

The reaction of diphenylphosphine, PPh_2H, with an alkyne-bridged dicobalt carbonyl complex; the synthesis crystal structure and reactivity of the complex $[Co_2\{\mu\text{-}C(CO_2Me)=CHCO_2Me\}(\mu\text{-}PPh_2)(CO)_4]$ (A.J.M. Caffyn, M.J. Mays, G. Conole, M. McPartlin and H.R. Powell), (436) 83

Cobaltcarbonyl-Komplexe von Alkinyl-Silanen (H. Lang, U. Lay und M. Weinmann), (436) 265

Copper

Ethinylferrocene durch direkte Einführung von Acetylenen (M. Buchmeiser und H. Schottenberger), (436) 223

Chemistry of iridium carbonyl cluster complexes. Synthesis, chemical characterization and solid state structure of the mixed-metal carbonyl cluster $[PPh_4][Ir_6(\mu\text{-}CO)_3(CO)_{12}\{\mu_3\text{-}Cu(NCMe)\}]\cdot CH_2Cl_2$ and its conversion to the dianion $[Ir_{12}(CO)_{26}]^{2-}$ (R. Della Pergola, L. Garlaschelli, F. Demartin, M. Manassero and N. Masciocchi), (436) 241

Hafnium

Ferrocenhaltige Liganden in der Lanthanid-Chemie: Alkoxide und Thiolate (H. Gornitzka, F.T. Edelmann und K. Jacob), (436) 325

Iridium

Chemistry of iridium carbonyl cluster complexes. Synthesis, chemical characterization and solid state structure of the mixed-metal carbonyl cluster $[PPh_4][Ir_6(\mu\text{-}CO)_3(CO)_{12}\{\mu_3\text{-}Cu(NCMe)\}]\cdot CH_2Cl_2$ and its conversion to the dianion $[Ir_{12}(CO)_{26}]^{2-}$ (R. Della Pergola, L. Garlaschelli, F. Demartin, M. Manassero and N. Masciocchi), (436) 241

Iron

Umsetzungen von Molybdän-Arsen-Tetrahedranen mit $Fe_2(CO)_9$ und $Fe_3(CO)_{12}$ (M. Gorzellik, B. Nuber und M.L. Ziegler), (436) 207

Ethinylferrocene durch direkte Einführung von Acetylenen (M. Buchmeiser und H. Schottenberger), (436) 223

Chelatstabilisierung von Lanthanid(III)-Organylen: Über 2-(Dimethylaminomethyl)ferrocenyl-Komplexe ausgewählter Seltener Erden (K. Jacob, W. Kretschmer, K.-H. Thiele, H. Gornitzka, F.T. Edelmann, I. Pavlik, A. Lyčka und J. Holeček), (436) 231

Ferrocenhaltige Liganden in der Lanthanid-Chemie: Alkoxide und Thiolate (H. Gornitzka, F.T. Edelmann und K. Jacob), (436) 325

σ-Ferrocenyl-Komplexe des Rutheniums (M. Herberhold, W. Feger und U. Kölle), (436) 333

Lanthanides

Chelatstabilisierung von Lanthanid(III)-Organylen: Über 2-(Dimethylaminomethyl)ferrocenyl-Komplexe ausgewählter Seltener Erden (K. Jacob, W. Kretschmer, K.-H. Thiele, H. Gornitzka, F.T. Edelmann, I. Pavlik, A. Lyčka und J. Holeček), (436) 231

Metallocenes

Zum Koordinationsverhalten der Lewis-Basen HCN und DCN gegenüber $Cp_2Ti(AsF_6)_2$ (A. Schulz und T.M. Klapötke), (436) 179

Chelatstabilisierung von Lanthanid(III)-Organylen: Über 2-(Dimethylaminomethyl)ferrocenyl-Komplexe ausgewählter Seltener Erden (K. Jacob, W. Kretschmer, K.-H. Thiele, H. Gornitzka, F.T. Edelmann, I. Pavlik, A. Lyčka und J. Holeček), (436) 231

Ferrocenhaltige Liganden in der Lanthanid-Chemie: Alkoxide und Thiolate (H. Gornitzka, F.T. Edelmann und K. Jacob), (436) 325

σ-Ferrocenyl-Komplexe des Rutheniums (M. Herberhold, W. Feger und U. Kölle), (436) 333

Molybdenum

Alkylidenedinitrosylmolybdenum complexes. Preparation, characteristics and metathesis activity of dicarboxylatoethylidenedinitrosylmolybdenum complexes (A. Keller), (436) 199

Umsetzungen von Molybdän-Arsen-Tetrahedranen mit $Fe_2(CO)_9$ und $Fe_3(CO)_{12}$ (M. Gorzellik, B. Nuber und M.L. Ziegler), (436) 207

Nickel

Aktivierung von CO_2 an Übergangsmetallzentren: Zum Ablauf der homogen-katalytischen Bildung von 2-Pyron aus Kohlendioxid und Hex-3-in an Nickel(0)-Fragmenten (D. Walther, G. Bräunlich, R. Kempe und J. Sieler), (436) 109

Niobium

Präparative, ^{11}B-, ^{93}Nb-NMR-spektroskopische und strukturelle Untersuchungen an Cp_2NbBH_4- und $[CpNb(B_2H_6)]_2$-Komplexen (H. Brunner, G. Gehart, W. Meier, J. Wachter, B. Wrackmeyer, B. Nuber und M.L. Ziegler), (436) 313

Osmium

Synthesis and structural characterization of $[HOs_3(CO)_9(OEt)(R_2C_2)]$ (R = Me or Ph) (D. Braga, P. Sabatino, B.F.G. Johnson, J. Lewis and A. Massey), (436) 73

Palladium

Komplexchemie perhalogenierter Cyclopentadiene und Alkine. IX. Darstellung einiger Phosphoniumacetylid-Komplexe und Struktur von $(Ph_3P)Cl_2Pd(C{\equiv}CPPh_3)$ (K. Sünkel), (436) 101

Synthesis of palladium(II) and platinum(II) *N,N*-dialkyldithiocarbamates starting from hydroxohalophenyl complexes (G. López, J. Ruiz, G. García, C. Vicente, J.M. Martí and V. Rodríguez), (436) 121

Palladium-catalyzed rearrangement of silanes containing oxygen or halogen α to silicon (V. Gevorgyan, L. Borisova and E. Lukevics), (436) 277

Palladium-assisted formation of carbon-carbon bonds. Stoichiometric synthesis of indenols and indenones. Catalytic synthesis of an indenol (J. Vicente, J.-A. Abad and J. Gil-Rubio), (436) C9

Phosphorus

Approaches to new water-soluble phosphines (T.N. Mitchell and K. Heesche-Wagner), (436) 43

Catalytic activity of *cis*-[μ-[bis(1,1-dimethylethyl)- phosphino]]dicarbonyl-μ-chlorobis[tris(1,1-dimethylethyl)- phosphine]dirhodium and of its chiral analog (+)-*cis*-[μ-[bis-(1,1-dimethylethyl)phos-phino]]dicarbonyl-μ- chlorobis[[5β-methyl-2α-(1α-methylethyl)cyclohexyl]- diphenylphosphine]dirhodium (E. Berkovich, A. Jacobson, J. Blum, H. Schumann, M. Schäfers and H. Hemling), (436) 95

Komplexchemie perhalogenierter Cyclopentadiene und Alkine. IX. Darstellung einiger Phosphoniumacetylid-Komplexe und Struktur von $(Ph_3P)Cl_2Pd(C{\equiv}CPPh_3)$ (K. Sünkel), (436) 101

Reactivity of functionalized diphosphiranes and 1,3-diphosphapropenes towards Grignard reagents (R. El-Ouatib, C. Garot, G. Etemad-Moghadam and M. Koenig), (436) 169

σ-Ferrocenyl-Komplexe des Rutheniums (M. Herberhold, W. Feger und U. Kölle), (436) 333

Zur Funktionalisierung von Decaphenylcyclopentasilan (W. Uhlig und C. Tretner), (436) C1

Zur Addition des Thiomethyl-Kations an die Wolfram–Kohlenstoff-Doppelbindung in $[Cp(CO)(PMe_3)W{=}C(Tol)PR_2][PF_6]$ (J. Ostermeier, W. Schütt und F.R. Kreißl), (436) C17

Platinum

Komplexchemie perhalogenierter Cyclopentadiene und Alkine. IX. Darstellung einiger Phosphoniumacetylid-Komplexe und Struktur von $(Ph_3P)Cl_2Pd(C{\equiv}CPPh_3)$ (K. Sünkel), (436) 101

Synthesis of palladium(II) and platinum(II) *N,N*-dialkyldithiocarbamates starting from hydroxohalophenyl complexes (G. López, J. Ruiz, G. García, C. Vicente, J.M. Martí and V. Rodríguez), (436) 121

Electrochemistry, electron spin resonance, optical spectroscopy, and reactivity of organometallic platinum(II) complexes containing strongly π-accepting aromatic α-diimine ligands (C. Vogler, B. Schwederski, A. Klein and W. Kaim), (436) 367

Rhodium

Catalytic activity of *cis*-[μ-[bis(1,1-dimethylethyl)- phosphino]]dicarbonyl-μ-chlorobis[tris(1,1-dimethylethyl)- phosphine]dirhodium and of its chiral analog (+)-*cis*-[μ-[bis-(1,1-dimethylethyl)phosphino]]dicarbonyl-μ- chlorobis[[5β-methyl-2α-(1α-methylethyl)cyclohexyl]- diphenylphosphine]dirhodium (E. Berkovich, A. Jacobson, J. Blum, H. Schumann, M. Schäfers and H. Hemling), (436) 95

Komplexchemie perhalogenierter Cyclopentadiene und Alkine. IX. Darstellung einiger Phosphoniumacetylid-Komplexe und Struktur von $(Ph_3P)Cl_2Pd(C{\equiv}CPPh_3)$ (K. Sünkel), (436) 101

Ruthenium

Reactions of 1,3,5-trithiacyclohexane with tetrahedral ruthenium–cobalt clusters (S. Rossi, J. Pursiainen and T.A. Pakkanen), (436) 55

σ-Ferrocenyl-Komplexe des Rutheniums (M. Herberhold, W. Feger und U. Kölle), (436) 333

Samarium

Ferrocenhaltige Liganden in der Lanthanid-Chemie: Alkoxide und Thiolate (H. Gornitzka, F.T. Edelmann und K. Jacob), (436) 325

Selenium

Ferrocenhaltige Liganden in der Lanthanid-Chemie: Alkoxide und Thiolate (H. Gornitzka, F.T. Edelmann und K. Jacob), (436) 325

Silicon

Spectroscopic and AM1 semiempirical studies of vibrations of tris(trimethylsilyl)silane derivatives, $(Me_3Si)_3SiX$ (X = H, Cl, OH, OD, Me, OMe, $SiMe_3$) (B.H. Boo, H.K. Kang, S.K. Kang, S.S. Lee, D. Kim and M.H. Lee), (436) 1

Synthesis and structural characterization of cycloborasiloxanes: the X-ray crystal structures of *cyclo*-1,3,3,5,5-pentaphenyl-1-bora-3,5-disiloxane and *cyclo*-1,3,3,5,7,7-hexaphenyl-1,5-dibora-3,7-disiloxane (B.J. Brisdon, M.F. Mahon, K.C. Molloy and P.J. Schofield), (436) 11

Molecular geometry and ring deformation of trimethylsilylbenzenes: gas-phase electron-diffraction study of 1,3-bis(trimethylsilyl)benzene and 1,3,5-tris(trimethylsilyl)benzene (B. Rozsondai and I. Hargittai), (436) 127

Titanium-catalyzed cycloaddition reactions of phenyl(trimethylsilyl)acetylene to conjugated dienes and 1,3,5-cycloheptatriene. 1-Phenyl-2-(trimethylsilyl)-cyclohexa-1,4-dienes and their aromatization (R. Klein, P. Sedmera, J. Čejka and K. Mach), (436) 143

Ethinylferrocene durch direkte Einführung von Acetylenen (M. Buchmeiser und H. Schottenberger), (436) 223

A study by electron spin resonance spectroscopy of the di-t-butylsilanone radical anion (A.G. Davies and A.G. Neville), (436) 255

Cobaltcarbonyl-Komplexe von Alkinyl-Silanen (H. Lang, U. Lay und M. Weinmann), (436) 265

Palladium-catalyzed rearrangement of silanes containing oxygen or halogen α to silicon (V. Gevorgyan, L. Borisova and E. Lukevics), (436) 277

Zur Funktionalisierung von Decaphenylcyclopentasilan (W. Uhlig und C. Tretner), (436) C1

Tellurium

Ferrocenhaltige Liganden in der Lanthanid-Chemie: Alkoxide und Thiolate (H. Gornitzka, F.T. Edelmann und K. Jacob), (436) 325

Tin

Main group metal 1,3-dithiole-2-thione-4,5-dithiolate (DMIT) compounds. II. Synthesis and structures of tetrabutylammonium butyl- and phenyl-bis(1,3-dithiole-2-thione-4,5-dithiolato)stannates, $[Bu_4N][RSn(DMIT)_2]$ (R = Bu or Ph) (S.M.S.V. Doidge-Harrison, R.A. Howie, J.T.S. Irvine, G.M. Spencer and J.L. Wardell), (436) 23

A Mössbauer study of tin(IV) and organotin(IV) adducts of bis(pyrazolyl)methane-type ligands (G. Gioia Lobbia, A. Cingolani, P. Cecchi, S. Calogero and F.E. Wagner), (436) 35

Some triphenyltin(IV) complexes containing potentially bidentate, biologically active anionic groups (B.D. James, S. Gioskos, S. Chandra, R.J. Magee and J.D. Cashion), (436) 155

Preparation, IR, ^{13}C and ^{119m}Sn Mössbauer spectral studies of organotin(IV) derivatives of ethylenediaminetetraacetic acid (G.K. Sandhu and R. Hundal), (436) 287

Synthesis and structure of organotin complexes of ytterbium (L.N. Bochkarev, O.V. Grachev, S.F. Ziltsov, L.N. Zakharov and Y.T. Struchkov), (436) 299

Zur Funktionalisierung von Decaphenylcyclopentasilan (W. Uhlig und C. Tretner), (436) C1

Anchimerically assisted cleavage of a one-electron bond in the $[Me_2N(CH_2)_3Sn^nBu_3]^{+\cdot}$ radical cation (E. Butcher, C.J. Rhodes, R.S. Davidson and R. Bowser), (436) C5

Titanium

Titanium-catalyzed cycloaddition reactions of phenyl(trimethylsilyl)acetylene to conjugated dienes and 1,3,5-cycloheptatriene. 1-Phenyl-2-(trimethylsilyl)-cyclohexa-1,4-dienes and their aromatization (R. Klein, P. Sedmera, J. Čejka and K. Mach), (436) 143

Zum Koordinationsverhalten der Lewis-Basen HCN und DCN gegenüber $Cp_2Ti(AsF_6)_2$ (A. Schulz und T.M. Klapötke), (436) 179

Tungsten

Reactions of silyl enol ethers with [ethoxy(phenylethynyl)carbene]chromium and -tungsten complexes (F. Camps, L. Jordi, J.M. Moretó, S. Ricart, A.M. Castaño and A.M. Echavarren), (436) 189

Oxidative addition reactions of $[Os_3(CO)_{10}(MeCN)_2]$ with 2-imine-substituted derivatives of furan, thiophene, selenophene and pyrrole (A.J. Arce, Y. De Sanctis, L. Hernandez, M. Marquez and A.J. Deeming), (436) 351

Zur Addition des Thiomethyl-Kations an die Wolfram–Kohlenstoff-Doppelbindung in $[Cp(CO)(PMe_3)W{=}C(Tol)PR_2][PF_6]$ (J. Ostermeier, W. Schütt und F.R. Kreißl), (436) C17

Ytterbium

Synthesis and structure of organotin complexes of ytterbium (L.N. Bochkarev, O.V. Grachev, S.F. Ziltsov, L.N. Zakharov and Y.T. Struchkov), (436) 299

Zirconium

Ferrocenhaltige Liganden in der Lanthanid-Chemie: Alkoxide und Thiolate (H. Gornitzka, F.T. Edelmann und K. Jacob), (436) 325

Book reviews

Inorganic Reactions and Methods, Vol. 13, The Formation of Bonds to Group-I, -II, and -IIIB Elements, A.P. Hagen (Ed.) (C. Eaborn), (436) C13

Inorganic Reactions and Methods. Vol. 9. Formation of Bonds to C, Si, Ge, Sn, Pb (Part 1), A.P. Hagen (Ed.) (C. Eaborn), (436) C13

Gmelin Handbook of Inorganic and Organometallic Chemistry. 8th Edition. Supplement Volume B5c. Silicon Nitride in Electronics (C. Eaborn), (436) C14

Free Radical Chain Reactions in Organic Synthesis, W.B. Motherweel and D. Crich (C. Eaborn), (436) C21

Inorganic Reactions and Methods. Volume 4. Formations of Bonds to Halogens (Part 2), A.P. Hagen (Ed.) (C. Eaborn), (436) C21

Gmelin Handbook of Inorganic and Organometallic Chemistry. 8th Ed. Sn. Organotin Compounds. Part 19. Organotin-nitrogen Compounds (concluded), Organotin-Phosphorus, -Arsenic, -Antimony, and -Bismuth Compounds, (C. Eaborn), (436) C22

Gmelin Handbook of Inorganic and Organometallic Chemistry. 8th Edn. F. Perfluorohalogenoorgano Compounds of Main Group Elements. Supplement Vol. 6. Aliphatic and Aromatic Compounds of Nitrogen (continued), (C. Eaborn), (436) C25

Advances in Sonochemistry, Volume 2, T.J. Mason (Ed.) (P.D. Lickiss), (436) C25